

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
 Data File : BG020050.D
 Acq On : 9 Dec 2015 19:17
 Operator : UM/SJ
 Sample : G4659-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A8-1C

Quant Time: Dec 10 00:51:54 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

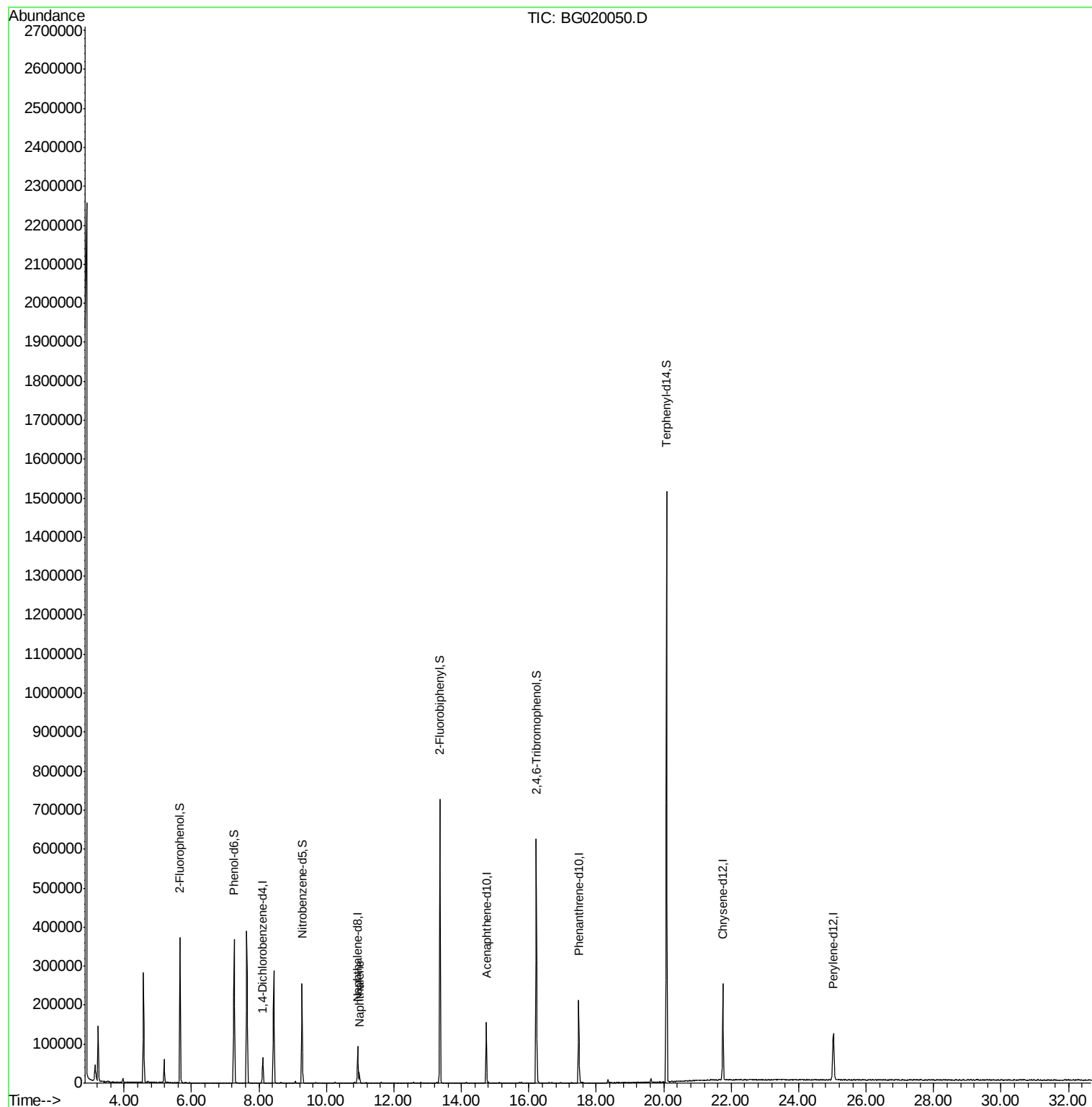
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	18559	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	77284	20.00	ng	-0.02
38) Acenaphthene-d10	14.73	164	53411	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	130924	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	160343	20.00	ng	-0.04
86) Perylene-d12	25.02	264	138613	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	150885	146.94	ng	-0.01
7) Phenol-d6	7.26	99	206147	132.96	ng	-0.01
23) Nitrobenzene-d5	9.28	82	154659	102.13	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	116845	142.98	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	378259	96.70	ng	-0.02
78) Terphenyl-d14	20.08	244	666491	101.39	ng	-0.03
Target Compounds						
31) Naphthalene	10.97	128	24861	6.00	ng	Qvalue 98

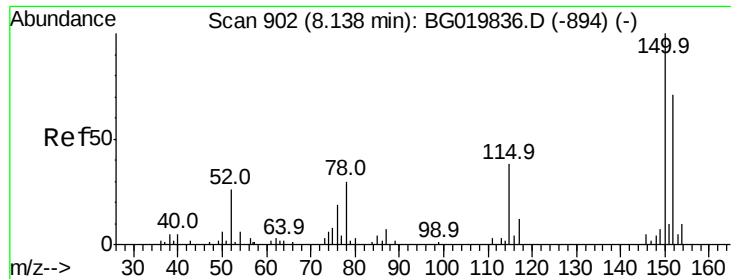
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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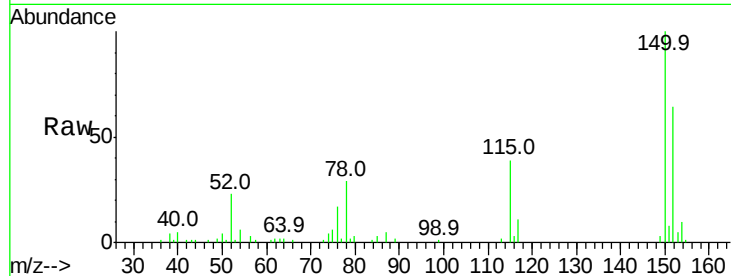


#1

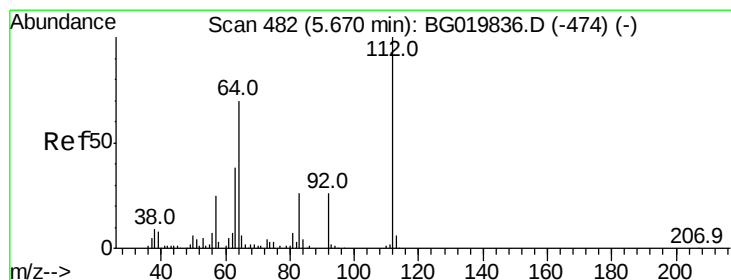
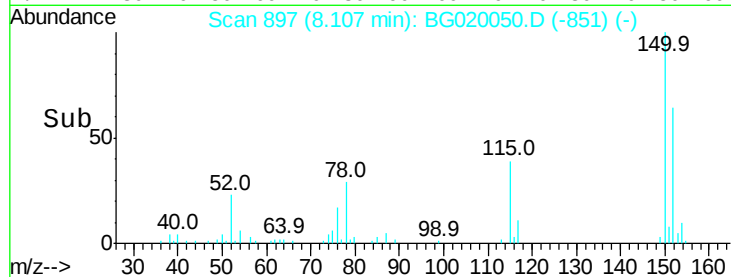
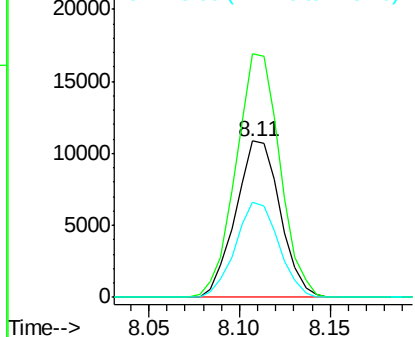
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.03 min
Lab File: BG020050.D
Acq: 9 Dec 2015 19:17

Instrument :
BNA_G
ClientSampleId :
A8-1C

Tot Ion:152 Resp: 18559
Ion Ratio Lower Upper
152 100
150 156.0 115.0 172.4
115 60.9 43.9 65.9



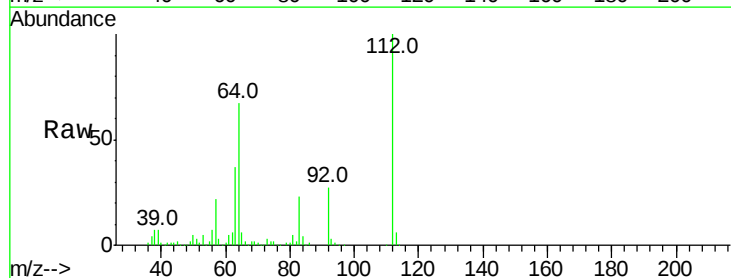
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



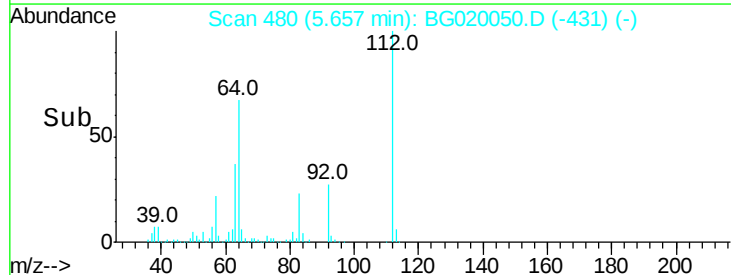
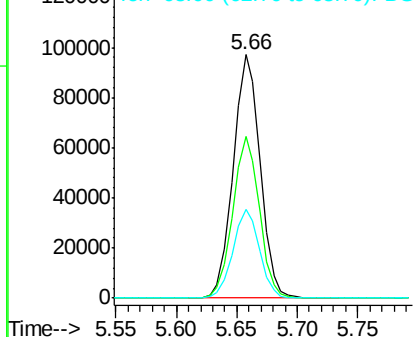
#5

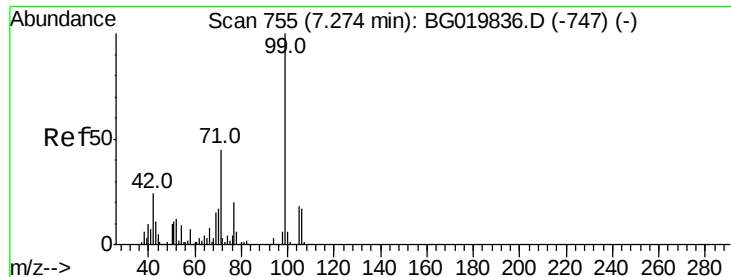
2-Fluorophenol
Concen: 146.94 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG020050.D
Acq: 9 Dec 2015 19:17

Tgt Ion:112 Resp: 150885
Ion Ratio Lower Upper
112 100
64 66.5 43.7 65.5#
63 36.7 24.0 36.0#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 132.96 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG020050.D

Acq: 9 Dec 2015 19:17

Instrument :

BNA_G

ClientSampleId :

A8-1C

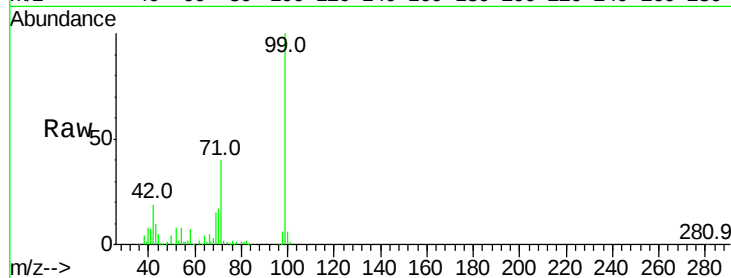
Tot Ion: 99 Resp: 206147

Ion Ratio Lower Upper

99 100

42 19.2 11.5 17.3#

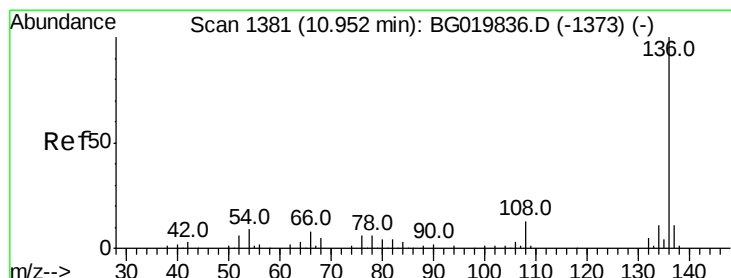
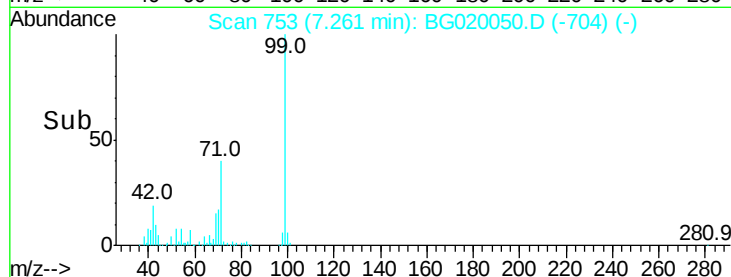
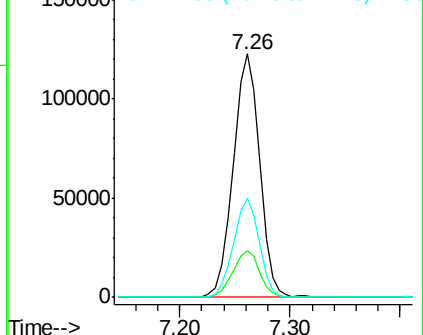
71 40.5 22.6 34.0#



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.93 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BG020050.D

Acq: 9 Dec 2015 19:17

Tgt Ion: 136 Resp: 77284

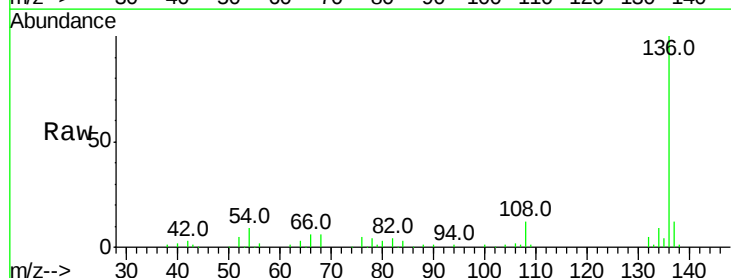
Ion Ratio Lower Upper

136 100

137 11.6 8.6 12.8

54 8.6 5.4 8.2#

68 5.8 5.3 7.9

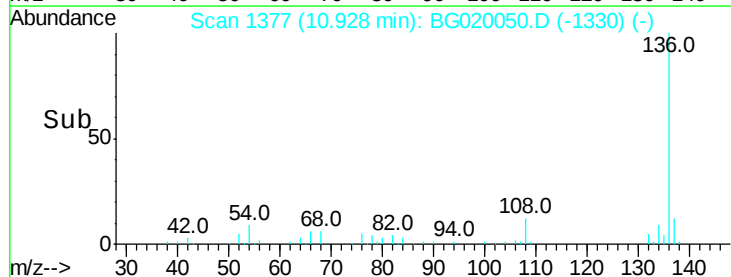
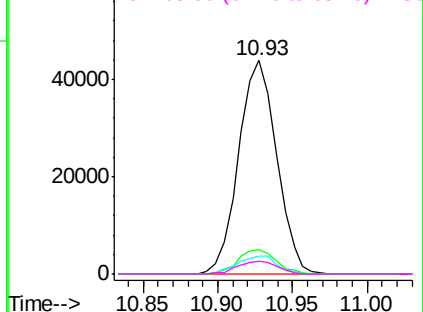


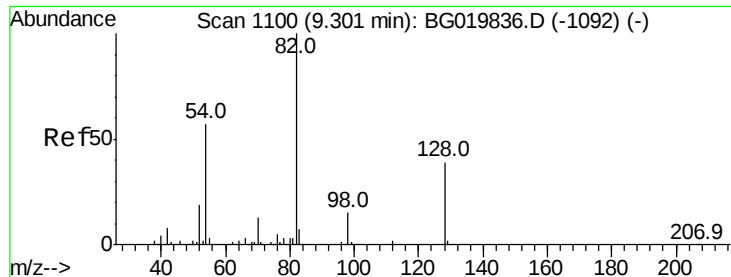
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

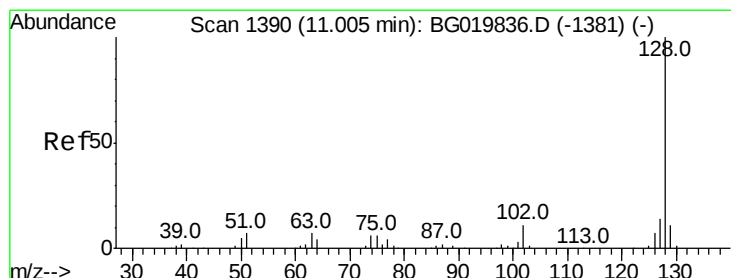
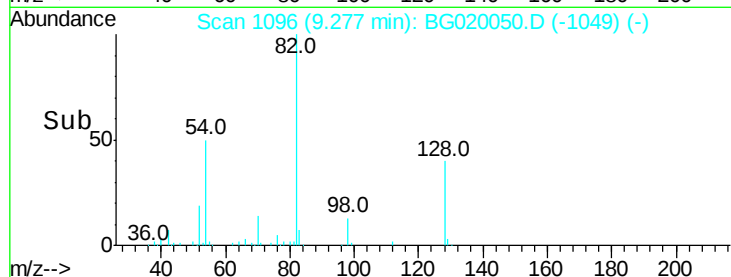
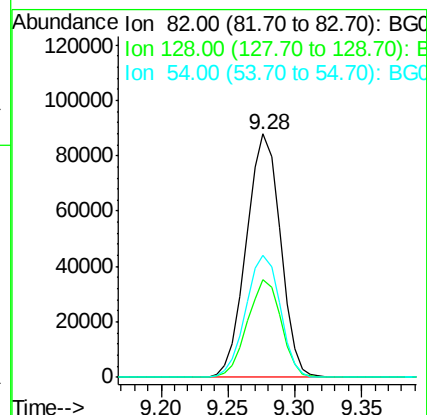
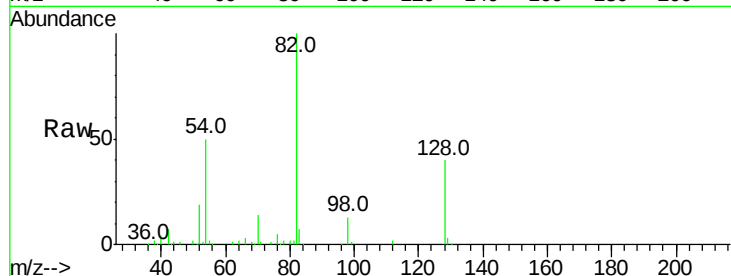




#23
Nitrobenzene-d5
Concen: 102.13 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020050.D
Acq: 9 Dec 2015 19:17

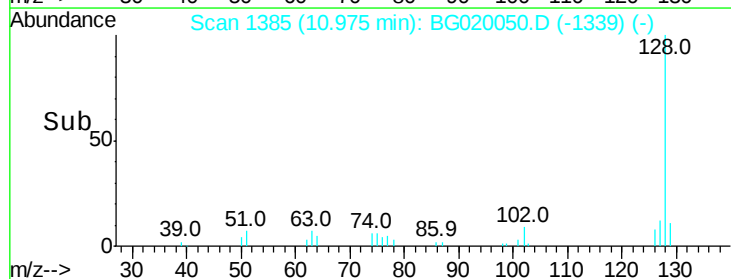
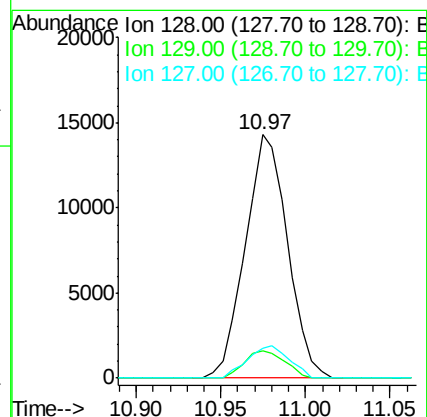
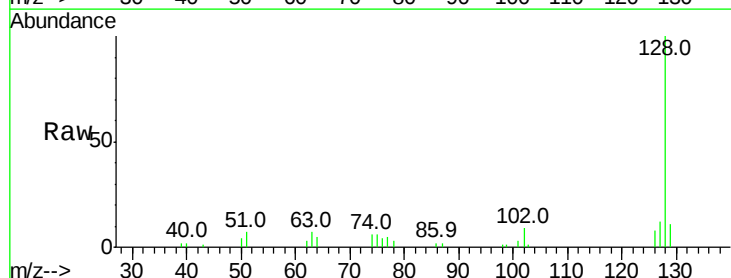
Instrument :
BNA_G
ClientSampleId :
A8-1C

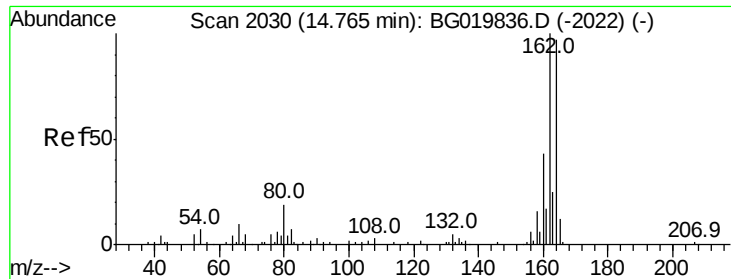
Tot Ion: 82 Resp: 154659
Ion Ratio Lower Upper
82 100
128 40.0 36.7 55.1
54 50.4 33.8 50.8



#31
Naphthalene
Concen: 6.00 ng
RT: 10.97 min Scan# 1385
Delta R.T. -0.03 min
Lab File: BG020050.D
Acq: 9 Dec 2015 19:17

Tgt Ion: 128 Resp: 24861
Ion Ratio Lower Upper
128 100
129 11.4 8.5 12.7
127 12.3 10.6 16.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.73 min Scan# 2025

Delta R.T. -0.03 min

Lab File: BG020050.D

Acq: 9 Dec 2015 19:17

Instrument :

BNA_G

ClientSampleId :

A8-1C

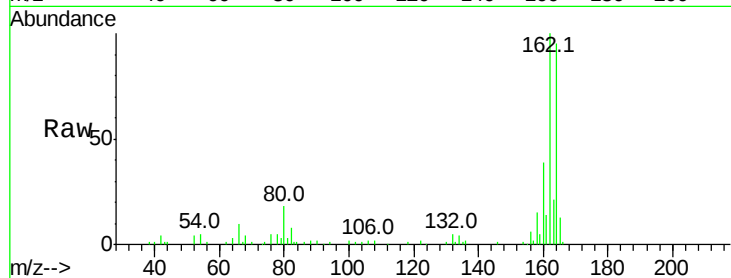
Tot Ion:164 Resp: 53411

Ion Ratio Lower Upper

164 100

162 105.5 78.8 118.2

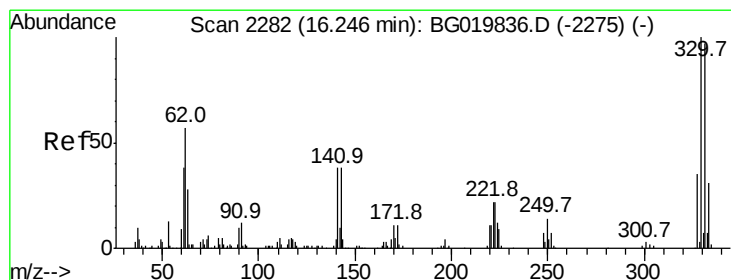
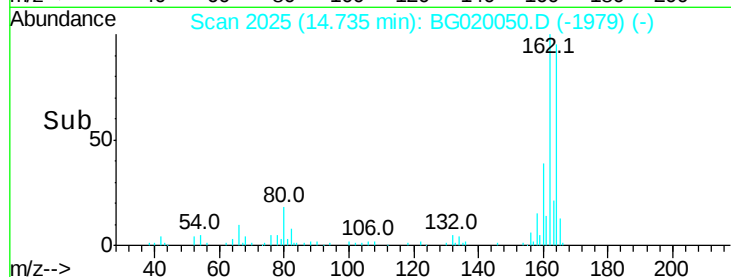
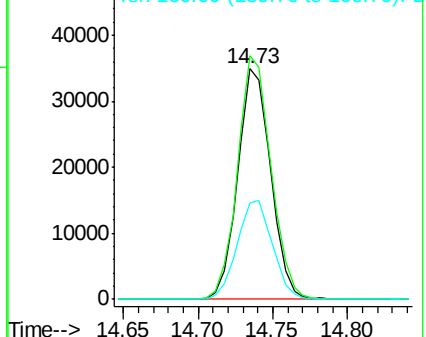
160 41.7 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 142.98 ng

RT: 16.22 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BG020050.D

Acq: 9 Dec 2015 19:17

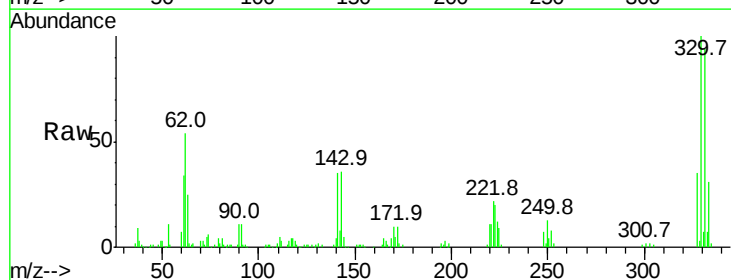
Tgt Ion:330 Resp: 116845

Ion Ratio Lower Upper

330 100

332 96.3 78.1 117.1

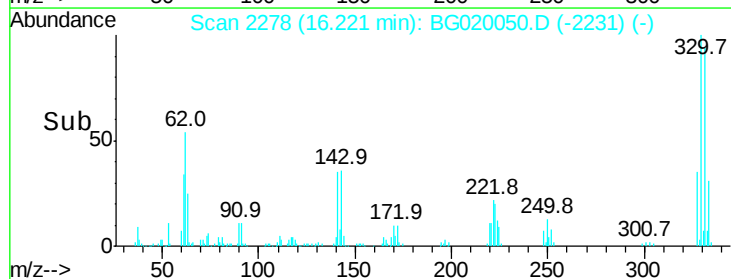
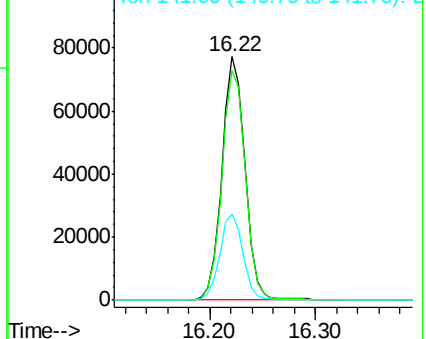
141 35.6 28.2 42.2

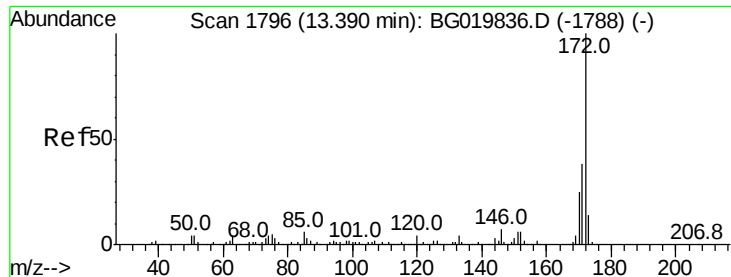


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

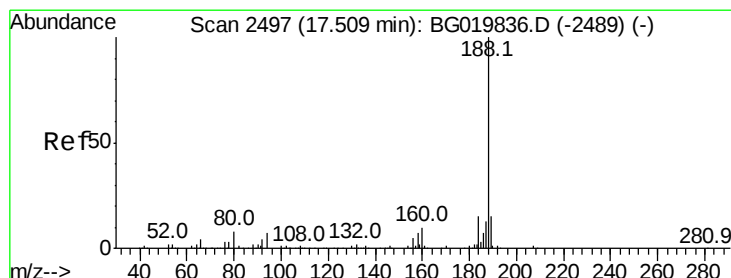
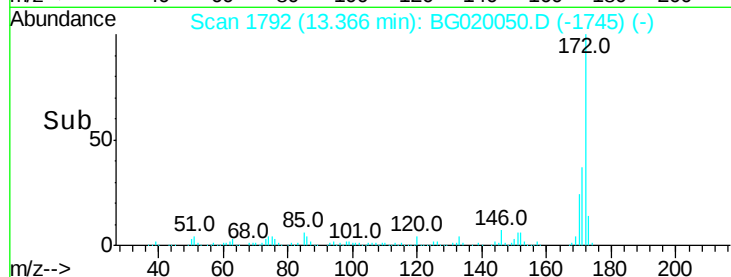
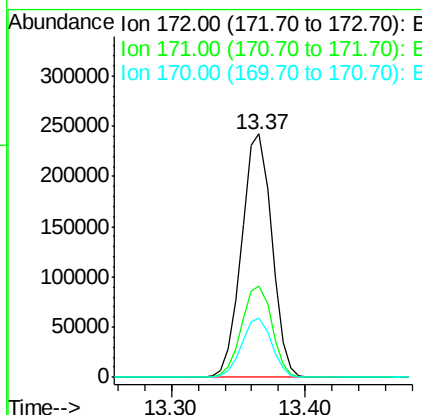
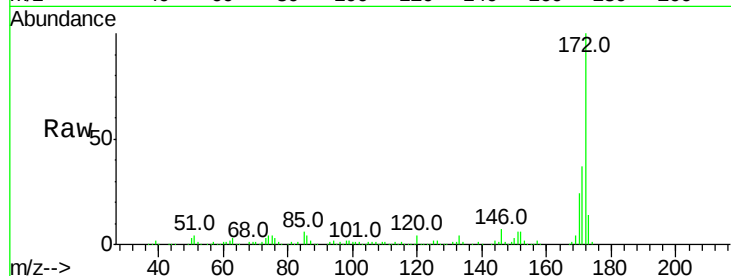




#44
2-Fluorobiphenyl
Concen: 96.70 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.02 min
Lab File: BG020050.D
Acq: 9 Dec 2015 19:17

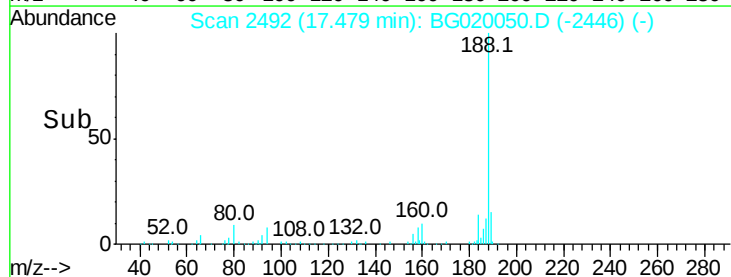
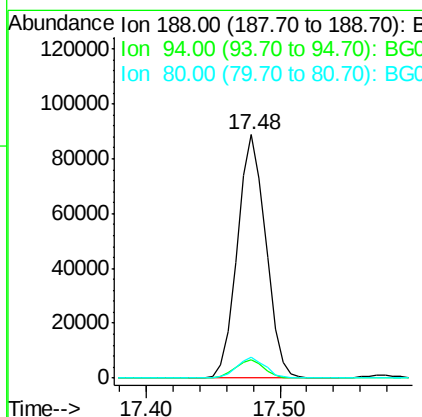
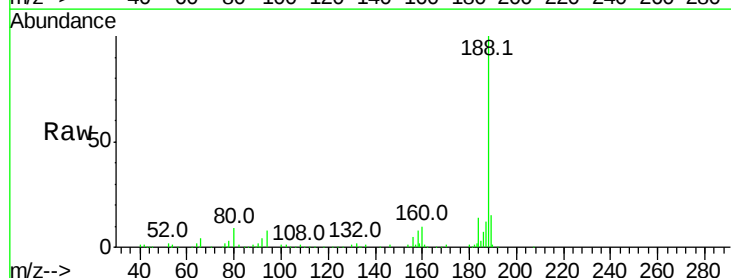
Instrument :
BNA_G
ClientSampleId :
A8-1C

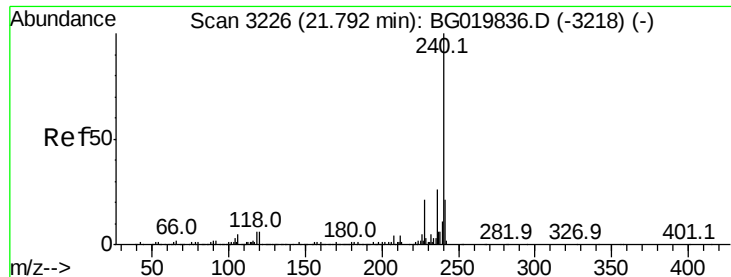
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.0	43.6
170	24.3	19.9	29.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020050.D
Acq: 9 Dec 2015 19:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	7.7	11.5#
80	8.8	7.8	11.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.75 min Scan# 3219

Delta R.T. -0.04 min

Lab File: BG020050.D

Acq: 9 Dec 2015 19:17

Instrument :

BNA_G

ClientSampleId :

A8-1C

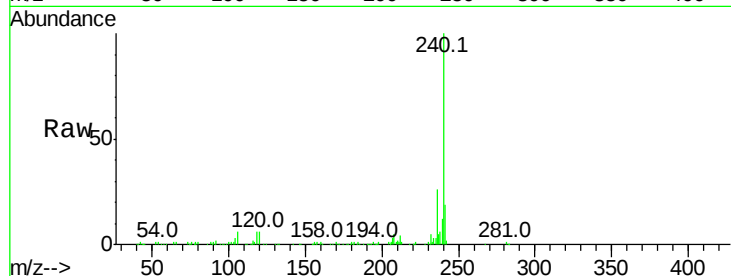
Tot Ion:240 Resp: 160343

Ion Ratio Lower Upper

240 100

120 6.4 7.4 11.0#

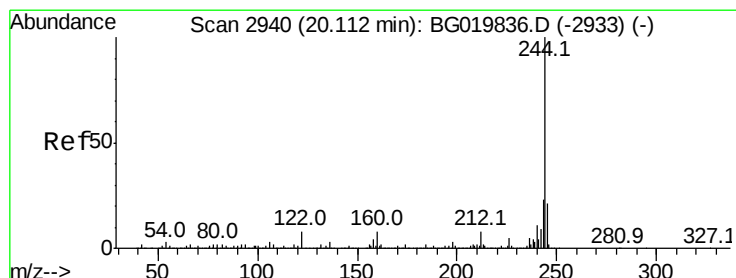
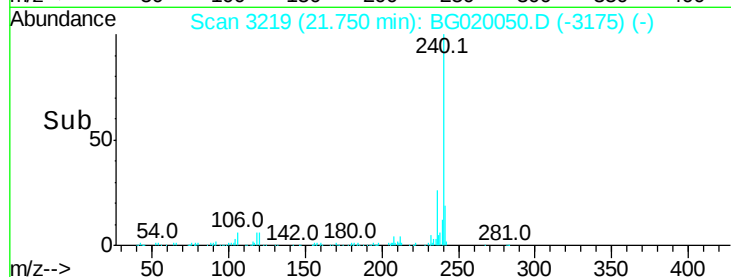
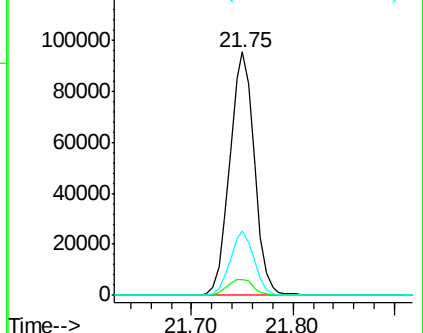
236 26.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 101.39 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG020050.D

Acq: 9 Dec 2015 19:17

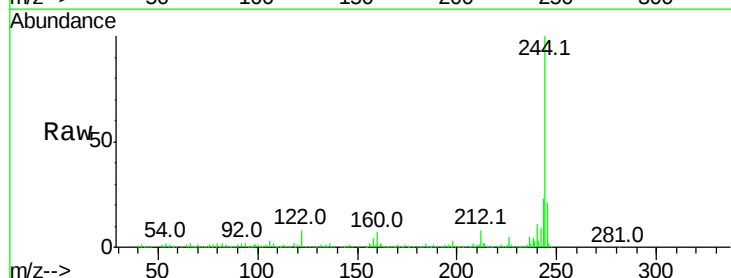
Tgt Ion:244 Resp: 666491

Ion Ratio Lower Upper

244 100

212 7.8 6.9 10.3

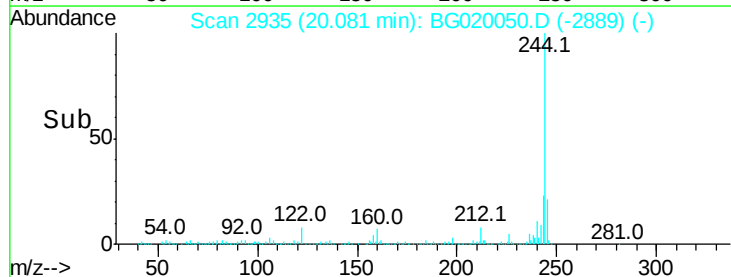
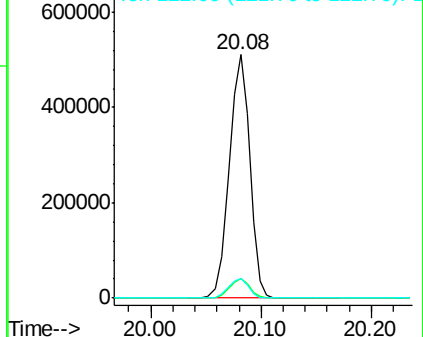
122 8.2 10.2 15.2#

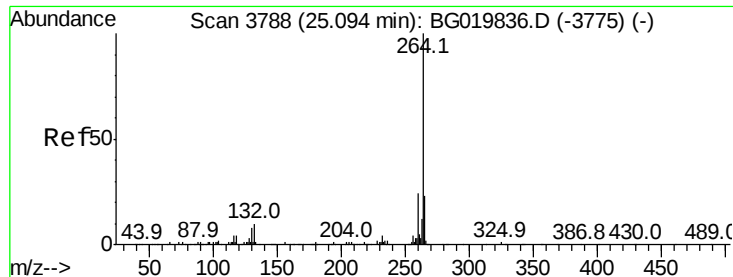


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

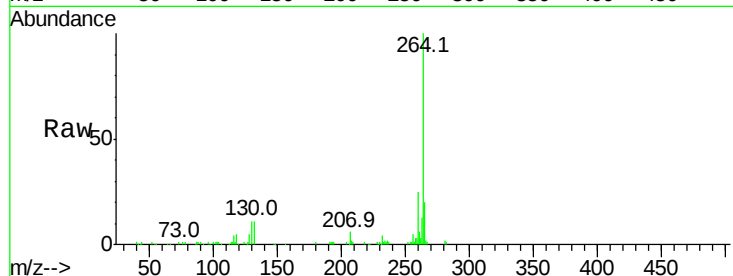




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.02 min Scan# 3776
 Delta R.T. -0.07 min
 Lab File: BG020050.D
 Acq: 9 Dec 2015 19:17

Instrument :
 BNA_G
 ClientSampleId :
 A8-1C

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.5	27.7
265	20.4	17.2	25.8



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

